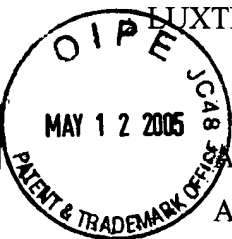


PATENT



LUXTRA.021A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gunn, et al.  
Appl. No. : 10/601,147  
Filed : June 19, 2003  
For : AN ARRAY OF ACTIVE  
OPTICAL COMPONENTS  
ALIGNED TO AN ARRAY OF  
GRATING COUPLERS  
Examiner : Dinh D. Chiem  
Group Art Unit : 2883

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

5/10/05  
(Date)  
Mark J. Gallagher, Reg. No. 43,622

RESPONSE TO FEBRUARY 10, 2005 OFFICE ACTION

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed February 10, 2005, Applicants respectfully submit the following amendments and comments.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks** begin on page 9 of this paper.

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